

**ABSTRACT****A Remote Tire Pressure Monitoring System**

The present invention provides a battery-powered tire pressure sensor including a pressure transducer (10) for sensing a pressure of a tire and providing a tire pressure signal. The tire pressure sensor is arranged to transmit the signal containing information about the tire pressure of an associated vehicle tire to a cab unit (1) via a transmitter (13) where it is displayed to a driver of the vehicle. The pressure sensor monitors the pressure of the tire and provides the vehicle driver with early warning of any deflation, thereby improving safety as well as reducing tire wear and improving fuel economy. A timer (19) is included to turn the tire pressure sensor off when it is not in use to conserve battery power.